## Writing Inequalities

Write each number sentence as an equation / inequality.

**Ex.** \( x \leq -91 \)

1. \( 57 > x \)
2. \( x \leq -24 \)
3. \( 6 > x \)
4. \( -99 < x \)
5. \( x \leq -15 \)
6. \( x \leq -99 \)
7. \( -38 > x \)
8. \( x > 98 \)
9. \( 7 > x \)
10. \( x \geq -93 \)
11. \( x > 87 \)
12. \( x > 49 \)
13. \( x = -58 \)
14. \( -48 = x \)
15. \( x \leq -77 \)
16. \( x < -26 \)
17. \( x \geq 14 \)
18. \( 45 \geq x \)
19. \( -87 < x \)
20. \( x < 60 \)

### Answers

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Writing Inequalities

Write each number sentence as an equation / inequality.

Ex)  x is less than or equal to -91.

1)  57 is greater than x.

2)  x is less than or equal to -24.

3)  6 is greater than x.

4)  -99 is less than x.

5)  x is less than or equal to -15.

6)  x is less than or equal to -99.

7)  -38 is greater than x.

8)  x is greater than 98.

9)  7 is greater than x.

10)  x is greater than or equal to -93.

11)  x is greater than 87.

12)  x is greater than 49.

13)  x is equal to -58.

14)  -48 is equal to x.

15)  x is less than or equal to -77.

16)  x is less than -26.

17)  x is greater than or equal to 14.

18)  45 is greater than or equal to x.

19)  -87 is less than x.

20)  x is less than 60.
Write each number sentence as an equation / inequality.

**Ex.** -20 is greater than \( x \).

1) \( x \) is equal to -6.
2) \( x \) is less than 84.
3) -45 is less than or equal to \( x \).
4) \( x \) is less than or equal to 39.
5) \( x \) is greater than -67.
6) \( x \) is less than or equal to -43.
7) \( x \) is greater than 98.
8) \( x \) is less than -41.
9) \( x \) is greater than -85.
10) \( x \) is equal to -43.
11) \( x \) is greater than or equal to -16.
12) 91 is less than or equal to \( x \).
13) -56 is less than \( x \).
14) 84 is less than \( x \).
15) \( x \) is equal to 7.
16) -42 is greater than or equal to \( x \).
17) \( x \) is greater than or equal to 28.
18) 83 is equal to \( x \).
19) -73 is less than \( x \).
20) -7 is greater than or equal to \( x \).
### Writing Inequalities

Write each number sentence as an equation / inequality.

Ex) -20 is greater than x.

1) x is equal to -6.
2) x is less than 84.
3) -45 is less than or equal to x.
4) x is less than or equal to 39.
5) x is greater than -67.
6) x is less than or equal to -43.
7) x is greater than 98.
8) x is less than -41.
9) x is greater than -85.
10) x is equal to -43.
11) x is greater than or equal to -16.
12) 91 is less than or equal to x.
13) -56 is less than x.
14) 84 is less than x.
15) x is equal to 7.
16) -42 is greater than or equal to x.
17) x is greater than or equal to 28.
18) 83 is equal to x.
19) -73 is less than x.
20) -7 is greater than or equal to x.

<table>
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<td>x = -6</td>
<td>x &lt; 84</td>
<td>-45 ≤ x</td>
<td>x ≤ 39</td>
<td>x &gt; -67</td>
<td>x ≤ -43</td>
<td>x &gt; 98</td>
<td>x &lt; -41</td>
<td>x &gt; -85</td>
<td>x = -43</td>
<td>x ≥ -16</td>
<td>91 ≤ x</td>
<td>-56 &lt; x</td>
<td>84 &lt; x</td>
<td>x = 7</td>
<td>-42 ≥ x</td>
<td>x ≥ 28</td>
<td>83 = x</td>
<td>-73 &lt; x</td>
<td>-7 ≥ x</td>
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</table>
Writing Inequalities

Write each number sentence as an equation / inequality.

Ex) -3 is greater than or equal to x.

1) x is greater than 5.
2) -77 is greater than x.
3) -11 is greater than or equal to x.
4) x is less than or equal to 58.
5) x is less than or equal to -47.
6) x is equal to 65.
7) -77 is less than x.
8) x is greater than or equal to -7.
9) x is greater than -8.
10) x is less than -93.
11) x is greater than or equal to -57.
12) 76 is greater than x.
13) -4 is greater than x.
14) 67 is greater than or equal to x.
15) 68 is greater than x.
16) -51 is less than or equal to x.
17) -38 is equal to x.
18) 48 is equal to x.
19) 22 is equal to x.
20) x is equal to 20.
Write each number sentence as an equation / inequality.

Ex) \(-3\) is greater than or equal to \(x\).

1) \(x\) is greater than 5.
2) \(-77\) is greater than \(x\).
3) \(-11\) is greater than or equal to \(x\).
4) \(x\) is less than or equal to 58.
5) \(x\) is less than or equal to \(-47\).
6) \(x\) is equal to 65.
7) \(-77\) is less than \(x\).
8) \(x\) is greater than or equal to \(-7\).
9) \(x\) is greater than \(-8\).
10) \(x\) is less than \(-93\).
11) \(x\) is greater than or equal to \(-57\).
12) 76 is greater than \(x\).
13) \(-4\) is greater than \(x\).
14) 67 is greater than or equal to \(x\).
15) 68 is greater than \(x\).
16) \(-51\) is less than or equal to \(x\).
17) \(-38\) is equal to \(x\).
18) 48 is equal to \(x\).
19) 22 is equal to \(x\).
20) \(x\) is equal to 20.
Write each number sentence as an equation / inequality.

Ex) \( x \) is less than or equal to 76.

1) -71 is less than or equal to \( x \).
2) 5 is greater than or equal to \( x \).
3) 41 is less than \( x \).
4) -8 is greater than or equal to \( x \).
5) 53 is equal to \( x \).
6) 49 is greater than \( x \).
7) \( x \) is less than 45.
8) \( x \) is less than or equal to 63.
9) \( x \) is less than -83.
10) \( x \) is greater than -32.
11) \( x \) is greater than 66.
12) -94 is less than or equal to \( x \).
13) \( x \) is less than or equal to -19.
14) \( x \) is greater than or equal to -77.
15) \( x \) is less than 60.
16) \( x \) is greater than -39.
17) 86 is equal to \( x \).
18) -30 is greater than \( x \).
19) \( x \) is greater than 7.
20) \( x \) is greater than 21.

Ex. \( x \leq 76 \)
Writing Inequalities

Write each number sentence as an equation / inequality.

Ex) $x$ is less than or equal to 76.

1) $-71$ is less than or equal to $x$.
2) $5$ is greater than or equal to $x$.
3) $41$ is less than $x$.
4) $-8$ is greater than or equal to $x$.
5) $53$ is equal to $x$.
6) $49$ is greater than $x$.
7) $x$ is less than 45.
8) $x$ is less than or equal to 63.
9) $x$ is less than -83.
10) $x$ is greater than -32.
11) $x$ is greater than 66.
12) $-94$ is less than or equal to $x$.
13) $x$ is less than or equal to -19.
14) $x$ is greater than or equal to -77.
15) $x$ is less than 60.
16) $x$ is greater than -39.
17) $86$ is equal to $x$.
18) $-30$ is greater than $x$.
19) $x$ is greater than 7.
20) $x$ is greater than 21.

Ex. $x \leq 76$

1. $-71 \leq x$
2. $5 \geq x$
3. $41 < x$
4. $-8 \geq x$
5. $53 = x$
6. $49 > x$
7. $x < 45$
8. $x \leq 63$
9. $x < -83$
10. $x > -32$
11. $x > 66$
12. $-94 \leq x$
13. $x \leq -19$
14. $x \geq -77$
15. $x < 60$
16. $x > -39$
17. $86 = x$
18. $-30 > x$
19. $x > 7$
20. $x > 21$
Writing Inequalities

Write each number sentence as an equation / inequality.

**Ex:** 9 is less than x.

1) -70 is greater than or equal to x.
2) x is equal to 17.
3) 28 is equal to x.
4) 97 is greater than or equal to x.
5) 91 is greater than or equal to x.
6) 72 is greater than or equal to x.
7) x is greater than or equal to -79.
8) x is greater than or equal to 90.
9) -58 is less than x.
10) -83 is greater than or equal to x.
11) 70 is less than x.
12) 25 is less than x.
13) -22 is equal to x.
14) x is greater than -18.
15) 21 is less than x.
16) 9 is greater than or equal to x.
17) x is greater than 4.
18) -41 is less than or equal to x.
19) x is less than 71.
20) x is less than or equal to -72.
Write each number sentence as an equation / inequality.

Ex) 9 is less than x.

1) -70 is greater than or equal to x.
2) x is equal to 17.
3) 28 is equal to x.
4) 97 is greater than or equal to x.
5) 91 is greater than or equal to x.
6) 72 is greater than or equal to x.
7) x is greater than or equal to -79.
8) x is greater than or equal to 90.
9) -58 is less than x.
10) -83 is greater than or equal to x.
11) 70 is less than x.
12) 25 is less than x.
13) -22 is equal to x.
14) x is greater than -18.
15) 21 is less than x.
16) 9 is greater than or equal to x.
17) x is greater than 4.
18) -41 is less than or equal to x.
19) x is less than 71.
20) x is less than or equal to -72.

Ex. 9 < x
1. _______ -70 ≥ x
2. _______ x = 17
3. _______ 28 = x
4. _______ 97 ≥ x
5. _______ 91 ≥ x
6. _______ 72 ≥ x
7. _______ x ≥ -79
8. _______ x ≥ 90
9. _______ -58 < x
10. _______ -83 ≥ x
11. _______ 70 < x
12. _______ 25 < x
13. _______ -22 = x
14. _______ x > -18
15. _______ 21 < x
16. _______ 9 ≥ x
17. _______ x > 4
18. _______ -41 ≤ x
19. _______ x < 71
20. _______ x ≤ -72
Write each number sentence as an equation / inequality.

Ex) 0 is greater than or equal to x.

1) x is greater than or equal to -70.
2) 27 is less than or equal to x.
3) 95 is less than or equal to x.
4) x is less than or equal to -93.
5) x is greater than or equal to -41.
6) 11 is greater than or equal to x.
7) 44 is less than x.
8) x is greater than or equal to 7.
9) x is less than or equal to -33.
10) x is equal to 49.
11) x is greater than 48.
12) x is greater than or equal to -95.
13) -69 is greater than x.
14) 58 is less than x.
15) 66 is equal to x.
16) x is less than -88.
17) x is greater than 83.
18) 71 is less than x.
19) x is greater than or equal to -33.
20) x is greater than 6.

Ex. \[ 0 \geq x \]
Writing Inequalities

Write each number sentence as an equation / inequality.

Ex) 0 is greater than or equal to x.

1) x is greater than or equal to -70.
2) 27 is less than or equal to x.
3) 95 is less than or equal to x.
4) x is less than or equal to -93.
5) x is greater than or equal to -41.
6) 11 is greater than or equal to x.
7) 44 is less than x.
8) x is greater than or equal to 7.
9) x is less than or equal to -33.
10) x is equal to 49.
11) x is greater than 48.
12) x is greater than or equal to -95.
13) -69 is greater than x.
14) 58 is less than x.
15) 66 is equal to x.
16) x is less than -88.
17) x is greater than 83.
18) 71 is less than x.
19) x is greater than or equal to -33.
20) x is greater than 6.

Ex. \[0 \geq x\]

1. \[x \geq -70\]
2. \[27 \leq x\]
3. \[95 \leq x\]
4. \[x \leq -93\]
5. \[x \geq -41\]
6. \[11 \geq x\]
7. \[44 < x\]
8. \[x \geq 7\]
9. \[x \leq -33\]
10. \[x = 49\]
11. \[x > 48\]
12. \[x \geq -95\]
13. \[-69 > x\]
14. \[58 < x\]
15. \[66 = x\]
16. \[x < -88\]
17. \[x > 83\]
18. \[71 < x\]
19. \[x \geq -33\]
20. \[x > 6\]
Write each number sentence as an equation / inequality.

**Ex)** -7 is greater than or equal to x.

1. x is greater than or equal to -85.
2. -98 is less than x.
3. x is less than or equal to -45.
4. -79 is greater than x.
5. x is less than 39.
6. 93 is greater than or equal to x.
7. -41 is less than x.
8. -40 is greater than x.
9. 10 is less than or equal to x.
10. x is greater than or equal to -32.
11. 26 is equal to x.
12. -71 is greater than x.
13. x is greater than 97.
14. x is equal to 88.
15. x is greater than 42.
16. x is equal to -46.
17. x is less than or equal to 5.
18. 96 is greater than or equal to x.
19. x is less than or equal to 69.
20. 35 is less than or equal to x.
Write each number sentence as an equation / inequality.

Ex) -7 is greater than or equal to x.

1) x is greater than or equal to -85.
2) -98 is less than x.
3) x is less than or equal to -45.
4) -79 is greater than x.
5) x is less than 39.
6) 93 is greater than or equal to x.
7) -41 is less than x.
8) -40 is greater than x.
9) 10 is less than or equal to x.
10) x is greater than or equal to -32.
11) 26 is equal to x.
12) -71 is greater than x.
13) x is greater than 97.
14) x is equal to 88.
15) x is greater than 42.
16) x is equal to -46.
17) x is less than or equal to 5.
18) 96 is greater than or equal to x.
19) x is less than or equal to 69.
20) 35 is less than or equal to x.
Write each number sentence as an equation / inequality.

Ex) 79 is greater than x.

1) -83 is less than x.
2) -78 is equal to x.
3) 38 is equal to x.
4) x is greater than 81.
5) x is less than or equal to -43.
6) x is less than or equal to 66.
7) x is greater than -5.
8) x is greater than or equal to 80.
9) -55 is greater than or equal to x.
10) 65 is less than x.
11) -99 is less than x.
12) x is less than or equal to 65.
13) 57 is greater than or equal to x.
14) x is greater than 24.
15) -95 is less than or equal to x.
16) -15 is less than or equal to x.
17) 42 is greater than x.
18) x is less than 94.
19) -29 is equal to x.
20) 54 is less than or equal to x.
Write each number sentence as an equation / inequality.

Ex) 79 is greater than x.

1) -83 is less than x.
2) -78 is equal to x.
3) 38 is equal to x.
4) x is greater than 81.
5) x is less than or equal to -43.
6) x is less than or equal to 66.
7) x is greater than -5.
8) x is greater than or equal to 80.
9) -55 is greater than or equal to x.
10) 65 is less than x.
11) -99 is less than x.
12) x is less than or equal to 65.
13) 57 is greater than or equal to x.
14) x is greater than 24.
15) -95 is less than or equal to x.
16) -15 is less than or equal to x.
17) 42 is greater than x.
18) x is less than 94.
19) -29 is equal to x.
20) 54 is less than or equal to x.

<table>
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</table>
Write each number sentence as an equation / inequality.

Ex) \( x \) is greater than -13.

1) -26 is greater than or equal to \( x \).
2) 49 is greater than \( x \).
3) 51 is greater than or equal to \( x \).
4) \( x \) is greater than or equal to -36.
5) 65 is less than or equal to \( x \).
6) 76 is less than or equal to \( x \).
7) \( x \) is greater than -91.
8) 27 is less than \( x \).
9) \( x \) is less than or equal to -21.
10) \( x \) is less than or equal to -37.
11) \( x \) is less than -33.
12) -44 is equal to \( x \).
13) -99 is greater than \( x \).
14) 77 is greater than \( x \).
15) \( x \) is greater than -50.
16) 58 is less than \( x \).
17) -80 is equal to \( x \).
18) \( x \) is greater than 78.
19) \( x \) is less than 33.
20) \( x \) is greater than -37.
Write each number sentence as an equation / inequality.

**Ex)** x is greater than -13.

1) -26 is greater than or equal to x.
2) 49 is greater than x.
3) 51 is greater than or equal to x.
4) x is greater than or equal to -36.
5) 65 is less than or equal to x.
6) 76 is less than or equal to x.
7) x is greater than -91.
8) 27 is less than x.
9) x is less than or equal to -21.
10) x is less than or equal to -37.
11) x is less than -33.
12) -44 is equal to x.
13) -99 is greater than x.
14) 77 is greater than x.
15) x is greater than -50.
16) 58 is less than x.
17) -80 is equal to x.
18) x is greater than 78.
19) x is less than 33.
20) x is greater than -37.

**Answers**

<p>| | |</p>
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<td>7.</td>
<td>x &gt; -91</td>
</tr>
<tr>
<td>8.</td>
<td>27 &lt; x</td>
</tr>
<tr>
<td>9.</td>
<td>x ≤ -21</td>
</tr>
<tr>
<td>10.</td>
<td>x ≤ -37</td>
</tr>
<tr>
<td>11.</td>
<td>x &lt; -33</td>
</tr>
<tr>
<td>12.</td>
<td>-44 = x</td>
</tr>
<tr>
<td>13.</td>
<td>-99 &gt; x</td>
</tr>
<tr>
<td>14.</td>
<td>77 &gt; x</td>
</tr>
<tr>
<td>15.</td>
<td>x &gt; -50</td>
</tr>
<tr>
<td>16.</td>
<td>58 &lt; x</td>
</tr>
<tr>
<td>17.</td>
<td>-80 = x</td>
</tr>
<tr>
<td>18.</td>
<td>x &gt; 78</td>
</tr>
<tr>
<td>19.</td>
<td>x &lt; 33</td>
</tr>
<tr>
<td>20.</td>
<td>x &gt; -37</td>
</tr>
</tbody>
</table>
Write each number sentence as an equation / inequality.

Ex) \( x \) is greater than 77.

1) \( x \) is greater than or equal to 100.
2) 8 is greater than or equal to \( x \).
3) -2 is greater than or equal to \( x \).
4) \( x \) is greater than or equal to 59.
5) -76 is greater than or equal to \( x \).
6) \( x \) is less than or equal to 21.
7) 21 is greater than \( x \).
8) \( x \) is less than -11.
9) \( x \) is less than -66.
10) -43 is less than \( x \).
11) \( x \) is greater than or equal to 6.
12) 19 is greater than or equal to \( x \).
13) \( x \) is greater than or equal to 80.
14) \( x \) is greater than -33.
15) -100 is greater than or equal to \( x \).
16) 97 is greater than \( x \).
17) -88 is greater than or equal to \( x \).
18) \( x \) is equal to 57.
19) \( x \) is less than or equal to -28.
20) \( x \) is greater than or equal to -20.
Writing Inequalities

Write each number sentence as an equation / inequality.

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